

ABSTRACT

The present invention relates to a catheter or cannula system that facilitates
5 cardiopulmonary bypass surgeries and enables prolonged circulatory support of the heart. More specifically, the present invention provides an aortic catheter system including a porous aortic root balloon capable of occluding the aorta, delivering cardioplegia and providing tactile feedback and helping to maintain the competency of regurgitant aortic valves.

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